REMARKS

After the foregoing Amendment, claims 13, 15-23, and 25-32 are currently pending in this application. Claims 14 and 24 are canceled. Claims 13, 18-23, and 28-32 are amended. In the specification, paragraphs [0002], [0008], [00156] and [00171] are amended. Further, the title of the application and abstract are amended.

Telephonic Interview

The Examiner is thanked for granting a telephonic interview with the Applicants' representative on January 24, 2007. During the interview, support for the pending claims was discussed.

Objections to the Specification

The Examiner objected to the specification because it introduces new matter into the disclosure. The specification has been amended to overcome the Examiner's objections.

Claim Objections

The Examiner objected to claim 22 because of a minor informality. The withdrawal of the objection to the claim 22 is respectfully requested.

Claim Rejections - 35 USC §112

In the Office Action, the claims were rejected under 35 U.S.C. §112, first paragraph. Applicant respectfully disagrees based on the following. References in the following are made to the published version of the application (US2004/0071198 A1). The support described below is not all of the support for these features, but is being provided as one example among many others.

With reference to claim 1, "receiving a voice data associated with a first logical channel during a time period when the voice data is present in a wireless channel set, wherein the wireless channel set comprises at least one wireless channel or a plurality of wireless channels." Page 3 [0041] refers to an assigned channel group which corresponds to logical message channels. Table 1 defines the logical channels as being channels associated with POTS (voice) and ISDN/modem (data). Also, please refer to pages 17-18 and the paragraph spanning these passages which refers to a voice call, which is well known in the art to be carried over the POTS. The assigned channels in the assigned channel group are shown in Table 1 under the title "Assigned Channels" and the spreading codes assigned to the assigned logical channels are shown in Table 3B on page 6, such as TRCH (0)-(4). Figure 15 illustrates the receive processing of TRCH (0)-(4) or TR0-4 for short. Accordingly, the specification discloses receiving voice data of a logical channel over at least one channel of a wireless channel set.

Further referring to claim 1, "receiving a non-voice data associated with a second logical channel during the time period when the non-voice data is present in the wireless channel set, wherein the wireless channel set is associated with the communication unit." As described above, Page 3 [0041] refers to logical channels associated with an assigned channel group and Table 1 refers to ISDN/modem logical channels (data). The channels are received over TR0-4.

Further referring to claim 1, "inserting information into the non-voice data when the non-voice data is missing in the wireless channel set; and processing the information in the non-voice data." The insertion of information when non-voice data is missing is referred to on page 17 [182]. This information is send to the MOI 1717 for further processing.

Referring to claim 15, page 1 [0004] describes spread spectrum where multiple message channels are send in a shared frequency spectrum and are distinguishable by the different spreading codes.

Referring to claim 16, CDMA is described on page 1 [0003].

Referring to claim 17, frequency hopping is described on page 1 [0003] as an alternative to DS (direct sequence) CDMA.

Referring to claim 18, the multiplexing of the data is referred to on page 4 [0042].

Referring to claim 19, phase shift keying is referred to on page 6 [0063], such as APSK and QPSK.

Referring to claim 20, the convolutional decoders are illustrated in Figure 15, 1713-1716 (Viterbi Decoders).

Referring to claim 21, the different data rates of the traffic channel are shown in Table 1.

Referring to claim 22, the power amplifiers are shown at least in Figure 9.

Reconsideration and entry of this amendment is respectfully requested.

Respectfully submitted,

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